

### **AMENDMENTS TO THE CLAIMS**

The listing of claims will replace all prior versions, and listings, of claims in the application:

#### **Listing of Claims:**

1-30. (Cancelled).

31. (Previously Presented) In a computing system with a server that provides remote client access to a software program that creates a layout of elements from a display design based on limitations of the system, wherein the display will be transmitted to one or more clients as compressed video stream, the software program comprising:

one or more computer readable media having stored thereon:

a restriction module that when running at a server receives one or more restrictions defining one or more limitations imposed by a compression method to be used in generating a display representing a user interface corresponding to a program running at the server and that is displayed at a remote client as a compressed video stream;

a design module that when running at the server lays out one or more display elements for said user interface responsive to said received one or more limitations in order to meet said one or more limitations when creating a compressed video stream of said display to be sent to said remote client, wherein the design module modifies the layout of the one or more display elements relative to a layout without the one or more limitations in order to make compression for the one or more display elements more efficient, and wherein the modifications includes at least one or more of moving an element, replacing an element, changing a property on an element, or removing an element;

a compression module for compressing the modified layout of the one or more display elements into the compressed video stream and such that the compressed video stream includes a modified layout that was modified by, at least

one of, moving an element, replacing an element, changing a property on an element, or removing an element and responsive to the one or more limitations; and

a transmission module for sending the compressed video stream to one or more clients for viewing and interacting with the user interface of the program.

32. (Previously Presented) A software according to claim 31, wherein said one or more restrictions include a block size definition.

33. (Previously Presented) A software according to claim 31, wherein said one or more restrictions include a bandwidth restriction, and wherein laying out of said one or more display elements comprises selecting one or more display elements to match said bandwidth limitations.

34. (Previously Presented) A software according to claim 31, wherein said one or more computer readable media have stored thereon an automated WWW page generator for a WWW server.

35. (Previously Presented) A software according to claim 34, comprising a communication module for receiving said one or more restrictions from a server associated with said compression.

36—44. (Cancelled)

45—50. (Cancelled)

51. (Previously Presented) A software according to claim 31, wherein the modification includes at least replacing an element, and wherein the replacement is based on the type of the element.

52. (Previously Presented) A software according to claim 31, wherein the modification includes at least moving an element, and wherein the movement is based on one or more portions of the element straddling a boundary of a block.

53. (Previously Presented) A software according to claim 31, wherein the program running at the server displays a WWW page.

54. (Currently Amended) A software according to claim 31, wherein the modification includes one or more of: manipulating colors so that color components can be compressed to a greater degree, using fonts with fewer high-frequency components, reducing flashing rates of colors and cursors, synchronizing flashing rates of colors and cursors, reducing animation rates of animated objects, low-pass filtering to reduce display resolution, reducing scrolling resolution, or changing an element to a similar element ~~that is easier to compress~~.